













## **ROUTE 30 AND 1-55 HORIZONTAL AND VERTICAL DATUM**

COORDINATES PROVIDED HEREON ARE BASED ON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83(2007). COORDINATE VALUES WERE DERIVED THROUGH STATIC GPS SESSIONS AND TRAVERSE, ELEVATIONS PROVIDED HEREON ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). ALL ELEVATIONS WERE DERIVED THROUGH DIGITAL DIFFERENTIAL LEVELING, BASED ON NGS 1ST ORDER VERTICAL MONUMENT G-142 PID: MF0081, ELEV.=583,152

## SITE BENCHMARKS

BENCHMARK-1: ELEVATION=609.094 CUT BOX ON SE'LY CORNER OF CONCRETE TRAFFIC SIGNAL FOUNDATION AT THE N'LY CORNER OF US ROUTE 30 & ESSINGTON

BENCHMARK-2: ELEVATION=607.883 CUT BOX ON N'LY SIDE OF CONC. BASE FOR THE 2ND LIGHT POLE W. OF ESSINGTON ROAD ON THE N. SIDE OF US ROUTE 30.

BENCHMARK-3: ELEVATION=611.509 CUT BOX ON THE SW. COR. OF CONC. BASE FOR THE 2ND LIGHT POLE W. OF NORMAN AVE. ON THE N. SIDE OF US ROUTE 30.

BENCHMARK-4: ELEVATION=611.363 CUT BOX ON THE N'LY SIDE OF CONC. BASE FOR THE 3RD LIGHT POLE W. OF NORTHBOUND RAMP TO I-55 FROM US ROUTE 30 ON THE N. SIDE OF US ROUTE 30.

BENCHMARK-5: ELEVATION=614.678 CUT HORIZONTAL NOTCH ON THE MIDDLE OF THE N'LY FACE OF THE CENTER PIER FOR 1-55 BRIDGE ON THE S. SIDE OF US ROUTE 30,

BENCHMARK-6: ELEVATION=608.748 CUT BOX ON THE N'LY SIDE OF CONC. BASE FOR LIGHT POLE  $\varpi$  THE SW'LY COR. OF THE INTERSECTION OF THE SOUTHBOUND RAMP TO 1-55 FROM US ROUTE 30.

BENCHMARK-7: ELEVATION=606,043 CUT BOX ON THE S'LY SIDE OF CONC. BASE FOR THE 2ND LIGHT POLE W'LY OF THE SOUTHBOUND EXIT RAMP TO US ROUTE 30 ON THE N'LY SIDE OF US ROUTE 30.

SET MAG NAIL IN WHITE STRIPE ON N'LY SIDE OF W. FRONTAGE ROAD 23'+/- E'LY OF A 25MPH SIGN ON THE S'LY SIDE OF W. FRONTAGE ROAD.

BENCHMARK-9: ELEVATION=619.697 CUT BOX ON THE W. SIDE OF CONC. BASE FOR THE 4TH LIGHT POLE S. OF THE 1-55 BRIDGE OVER US ROUTE 30, ON THE W. SIDE OF

BENCHMARK-10: ELEVATION=609.495 FOUND BOX CUT ON CONC. BASE OF MAT/LIGHT POLE, 13'+/- S'LY OF FOOD SIGN ON THE W. SIDE OF THE SOUTHBOUND RAMP TO US ROUTE 30 FROM 1-55.

BENCHMARK-11: ELEVATION=621.828 CUT BOX ON THE S'LY SIDE OF CONC. BASE OF MN3/LIGHT POLE, BEING THE LAST LIGHT POLE ON THE W. SIDE OF THE NORTHBOUND RAMP TO 1-55 FROM US ROUTE 30.

BENCHMARK-12: ELEVATION=610,215 CUT BOX ON THE E'LY SIDE OF CONC. BASE FOR THE 3RD LIGHT POLE N. OF US ROUTE 30 ON THE E. SIDE OF THE NORTHBOUND RAMP TO 1-55 FROM US ROUTE 30.

BENCHMARK-13: ELEVATION=609,747 CUT BOX ON THE W. SIDE OF CONC. BASE FOR THE 3RD LIGHT POLE S. OF US ROUTE 30 ON THE E. SIDE OF THE NORTHBOUND RAMP TO US ROUTE 30 FROM 1-55.

BENCHMARK-14: ELEVATION=618.262 CUT BOX ON CONC. BASE FOR THE 2ND LIGHT POLE/(MH2) N'LY OF THE GORE @ NORTHBOUND RAMP TO US ROUTE 30 FROM I-55 ON THE E. SIDE OF 1-55.

BENCHMARK-15: ELEVATION=624.661 CUT BOX ON CONC. BASE FOR THE 4TH LIGHT POLE/(MHI) N'LY OF THE GORE @ NORTHBOUND RAMP TO US ROUTE 30 FROM 1-55 ON THE F. SIDE OF 1-55.

1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 STRAND (815) 744-4200

USER NAME : denrusy DESIGNED - JLB REVISED MODEL NAME = Default DRAWN - DJW REVISEO PLOT SCALE = 200.0000 1/ 10. CHECKED - BMA REVISED -PLOT DATE = 12/18/2013 DATE 12/17/13 REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**  **CONTROL TIES AND BENCHMARKS** 

TOTAL SHEE SHEETS NO. SECTION COUNTY 575 WILL 163 28 CONTRACT NO. 60W13 ILLINOIS FED. AID PROJECT

SCALE: N/A SHEET 3 OF 3 SHEETS STA.

TO STA.